

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

INTELLECTUAL PROPERTY LAW  
8110 GATEHOUSE ROAD  
SUITE 100 EAST  
FALLS CHURCH, VA 22042-1248  
USA

(703) 205-8000  
FAX: (703) 205-8050  
(703) 698-8590 (G IV)

e-mail: mailroom@bskb.com  
web: http://www.bskb.com

OTHER OFFICES:  
CARLSBAD, CALIFORNIA  
COSTA MESA, CALIFORNIA  
LOS ANGELES, CALIFORNIA

15535 U.S.PTO  
10/820809  
040904

Date: April 9, 2004

Docket No.: 1173-1025PUS2

**MS PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a continuation-in-part application of Appl. No. 10/411,206 filed on April 11, 2003. The present application is filed on behalf of the inventor(s) according to the provisions of 37 C.F.R. § 1.41(c).

Inventor(s): Irving W. WAINER; Krzysztof JOZWIAK; Ruin MOADDEL; Sarangan RAVICHANDRAN; and Jack R. COLLINS

For: COMPUTER-BASED MODEL FOR IDENTIFICATION AND CHARACTERIZATION OF NON-COMPETITIVE INHIBITORS OF NICOTINIC ACETYLCHOLINE RECEPTORS AND RELATED LIGAND-GATED ION CHANNEL RECEPTORS

Enclosed are:

- ☒ A specification consisting of one hundred and five (105) pages
- ☒ Sixteen (16) sheet(s) of formal drawings
- ☐ Applicant claims small entity status under 37 C.F.R. § 1.27
- ☒ Applicant claims priority of U.S. Application No. 10/411,206 filed April 11, 2003, under 35 U.S.C. § 120.

13281 U.S. PTO  
040904

- ☐ Applicant claims the right of priority under the provisions of 35 U.S.C. § 119 and 37 C.F.R. § 1.55(a) based on Application No(s). filed in on .  
☐ Certified copy(ies) is(are) attached hereto.  
☐ Certified copy(ies) will follow.
- ☐ Priority of Application No(s). filed in on is/are claimed under 35 U.S.C. § 119. See attached copy of the Letter claiming priority filed in the prior application on .
- ☒ Executed Declaration in accordance with 37 C.F.R. § 1.64 will follow
- ☐ Preliminary Amendment
- ☐ An Information Disclosure Statement and PTO-1449 form(s) are attached hereto for the Examiner's consideration.
- ☐ An extension of time for ( ) month(s) until has been submitted in parent Application No. in order to establish co-pendency with the present application.
- ☒ Other: Five (5) sheets of Sequence Listing

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY
BASIC FEE			\$770.00	\$385.00
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE
TOTAL CLAIMS	16-20=	0	x18 = \$0.00	x 9= \$0.00
INDEPENDENT CLAIMS	4-3=	1	x86 = \$86.00	x43= \$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$280.00	+ \$145.00
TOTAL			\$856.00	\$0.00

- ☒ The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed Declaration together with the surcharge will be forwarded in due course.
- ☒ A check in the amount of \$856.00 to cover the filing fee is enclosed.

☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.

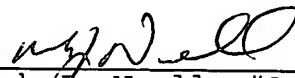
☒ Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Mark J. Nuell, #36,623

DRN/mua  
1173-1025PUS2

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

Attachment (s)

(Rev. 02/13/2004)